PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

bstitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

C	RECE	VEC	
Application Number	10/042,666	_	
Filing Date	January 8, 2002	OCT 17	2003
First Named Inventor	Nancyllan	460	
Art Unit	1775	IC 1	700 ·
Examiner Name	Michael Lavilla		

Attorney Docket Number | 003330 USA/METAL/ETCH/JB

				DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
m	+	^{US-} 5807613	09-15-1998	Aguero et al.	
m		^{US-} 4433004	02-21-1984	Yonezawa et al.	
m		^{US-} 20010003271	06-14-2001	Otsuki	
		US-			
		ÜS-			
		US-			
		US-			
		US-			
··············		US-			
		US-			

			IGN PATENT DOCU			
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	1
Initials*	No.		Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	+
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	IVIIVI-DD-1111		Of Relevant Figures Appear	l'
M		JP-62174377	07-31-1987	Mitsubishi Heavy Ind		Г
M		JP-59205468	11-21-1984	Natl Res Inst for Metals		Г
-						Τ
		r.			·	十
						₽

Examiner	1 10 00	Date	12/12/08
Signature	Carille	Considered	12/00/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Undertitle Paperwork Reduction Act of 1995, no persons are Substitute for form 1449/PTO TRAD			ct of 1995, no persons a	e required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
TRADE	10 10 10 11 1445/1 10			Application Number	10/042,666	RECEIVED
			CLOSURE	Filing Date	January 8, 2002	OST 17 2003
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Nianci Han	TC 1700
(Use as many sheets as necessary)				Art Unit	1775	10 1700
(000 00 11011) 0110010 00 110000011)				Examiner Name	Michael Lavilla	
Sheet	2	of	2	Attorney Docket Number	003330 USA/ETCH/M	ETAL/JB

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
m		PCT International Search Report for International Application No. PCT/US02/41150 (Applicant Docket No. 3330/ETCH/ME); Mailed June 2, 2003	
M		Author Unknown, Tribomet MCrAIY Coatings, Date Unknown, pages 1-3, Praxair Surface Technologies, Inc., Indianapolis, IN	
		· · · · · · · · · · · · · · · · · · ·	

Examiner	1 1000	Date	12/22/03
Signature	Carlle	Considered	12/20/3

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.